ZyXEL

Enjoy GSM/Wi-Fi Dual-Mode IP Phone

- GSM/GPRS/Wi-Fi Multi-Mode Support
- Windows Mobile 5.0® Operating System
- Integrated SIP VoIP, Support VCC Hand-over between GSM & WLAN
- WPA/WPA2/TLS Supports
- IPSec VPN Protection
- 1.3-Megapiexel CMOS Camera

Benefits

Mobility and Availability

The call control protocol of the V660 is based on the SIP v2 (Session Initiation Protocol version 2, RFC 3261) standard that interoperates with major SIP-based call servers, IP PBXs and other standard SIP-based client devices. Compliant with the IEEE 802.11b/g standard, the V660 works with any existing 802.11b or 802.11g wireless AP and gateway, and it can be used as a cordless handset in home or office environments as well. The small form factor makes the handset easy to carry and allows users to place VoIP phone calls in public IEEE 802.11-based environments.

SIP-based Windows Mobile 5.0® Dual-Mode Handset

The V660 is a SIP-based dual-mode handset running the Windows Mobile 5.0® operating system. The highly integrated next-generation handset utilizes the proven GSM/Wi-Fi dual-mode voice technology, and takes advantage of the versatile Windows operating system for mobile devices to further expand its usability and functionality.

Multimedia Support

With the built-in 1.3-megapixel camera, MP3/MP4 player and camcorder/recorder functionalities on a Windows Mobile® platform, users can access the Internet, listen to music, as well as take and review pictures all with one compact handset that also serves as a mobile phone.

Pocket MSN and E-mail Messaging

Chat with friends over Pocket MSN, or access E-mail, contacts, calendar and tasks while you're away from the desk. Using a V660 along with the same Outlook application on your PC, you can access emails from any location where Internet connectivity is available.

Language Supports

For the first time ever, ZyXEL built three languages (English, Chinese and Spanish) right into the V660 for users to read mails or Web pages, as well as to compose and edit messages in these languages effortlessly.

Dual-Mode Phone

V660

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Dual-Mode Phone

V660

Specifications

Software Information

Language
- English
- Traditional Chinese
- Spanish

Phone Features
- Call Hold
- Call Forward
- Call Transfer (VoWiFi)
- Call Waiting
- Call Mute
- Call block
- 3-Way Conferencing
- Speaker Phone
- Speed Dialing
- Call history: 30 entries

Phone Book
- Storage Numbers: 1000

SMS & MMS
- Numbers: 500 SMS + 30 EMS + 80 MMS

SMIL supported

E-mail
- E-Mail client
- Sync PC's Outlook by MicroSoft ActiveSync

VPN
- IPSec

WAP
- Version: 2.0

Browser
- Browser: Mobile IE
- SSL (Secure Socket Layer)
- Bookmarks
- Off line Web Browser
- GPRS Advice (displayed DL size, time)
- XHTML MP
- Contents Encoding (UTF-8)

Multimedia (Windows Media Player)
- Audio: Support AMR format
- Video: Support 3GP, WMV, MPEG4 format

WLAN Specifications
- Protocol: IEEE 802.11g/b
- Security: WEP (Shared; Open)
- WPA/WPA2
- Roaming: Fast Roming formula
- Power Saving modes
- Wireless profile

IMS & VCC*
- IMS SIP 3GPP TS 24.229
- Voice Call Continuity (VCC)

VoIP Specifications
- Protocol: SIP: IETF RFC 3261
- Codec: G.711a/μ, G.729a/b
- Acoustic Echo Cancellation
- Dynamic Jitter Buffer
- Voice Activity Detection
- Stun-based NAT traversal
- DTMF Support (In-band, Out-band, RFC 2833)
- SDP (RFC 2327)
- SIP Profile

Hardware Specifications

GSM/GPRS/Wi-Fi
- GSM850/GSM900/DCS1800/PCS1900
- GSM Speech: codec EFR/FR/AMR
- GPRS functionality: GPRS class 10, GPRS CS 1 to 4 coding scheme supported
- IEEE 802.11g/b; 2.4 GHz
- RF channels: US: 11, ETSI: 13, Japan: 14

SIM Function
- 3 V/1.8 V SIM operation
- SIM application toolkit

Antenna
- Quad-Band GSM Internal antenna
- 2.4 GHz WLAN Internal antenna
- Dual Mode Support

Memory and Storage
- Flash ROM: 128 MB
- RAM: 64 MB
- Extended Storage: Support Micro SD Card

Display
- Main LCD: 1.9" QCIF display
- 176 x 220 dots resolution
- Support 65 K colors

Camera
- Pixel: 1.3-mega-piexel CMOS
- Zoom: Digital zoom

Battery
- Li-Ion battery, 1,100 mAh Sanyo 553450

Interface
- Mini-USB connector
- 10 pin I/O connecter

Audio Jack
- 10 pin I/O connecter
- Infrared: Infrared IrDA 1.2 SIP

Physical Specifications
- Dimensions: 108 (W) x 16.7 (D) x 45 (H) mm
- Weight: 96 g

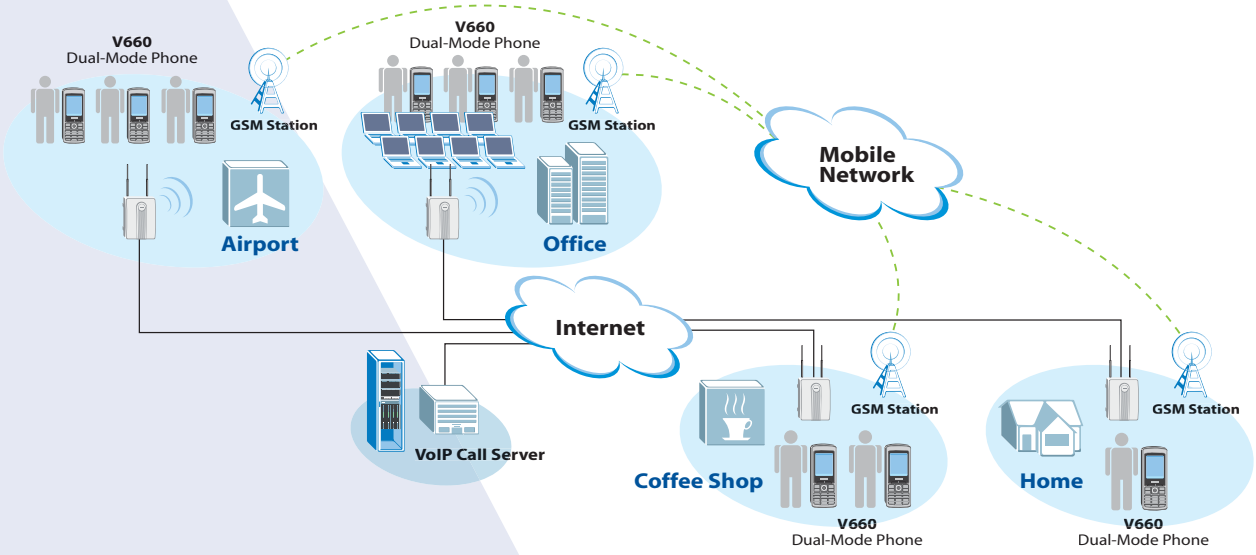
Environmental Specifications

Operating Environment
- Operating temperature: 0°C ~ 40°C
- Operating humidity: 20% ~ 85% (non-condensing)

Storage Environment
- Storage temperature: -20°C ~ 60°C
- Storage humidity: 20% ~ 90% (non-condensing)

** Firmware upgradeable for future enhancement.*

Application Diagram



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